

KOBOND™ 9022 Rheology Modifier

INTRODUCTION

KOBOND™ 9022 is a liquid rheology modifier based on polyurea compounds, specially developed for waterborne coatings and pigment/filler concentrates. Once incorporated into the system, it forms a three-dimensional network that imparts thixotropic flow behavior. This structure effectively prevents pigment settling and sagging during application, without compromising leveling. The product is suitable for both anti-settling and anti-sagging purposes and can be added at any stage of formulation.

BENEFITS / EFFECTS

- Provides thixotropic rheology
- Excellent anti-settling and anti-sagging performance
- Maintains good leveling properties
- Effective in aqueous coatings and pigment dispersions
- Liquid form, easy to incorporate
- Post-addition possible
- No pH or temperature adjustment required

PHYSICAL PROPERTIES

| | |
|-------------------|-------------------------|
| Active Ingredient | Modified polyurea |
| Color | Yellow to reddish brown |
| Appearance | Clear liquid |
| Active Content | 50% |
| Solvent | N-Methylpyrrolidon |

Note: These values are typical and are not intended for use as specifications

APPLICATIONS

KOBOND™ 9022 is widely used in waterborne coating systems including industrial primers, pigment pastes, and matting agent concentrates. For use in clear coats, compatibility should be verified in advance.

RECOMMENDED DOSAGE

Recommended dosage is 0.1-0.7% of total formulation weight for anti-settling, and 0.5-3.0% for anti-sagging applications.

For best results, KOBOND™ 9022 can be added during the millbase or as a post-additive. Ensure good shear mixing for uniform distribution. No need to control pH or temperature during incorporation.

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PACKING

KOBOND™ 9022 is supplied in 25Kg pail or 200Kg drum.

HANDLING

This document does not contain the product safety information required for safe use. Before handling, please refer to the product and safety data sheets, as well as container labels, for information on safe usage, physical hazards, and health risks. Safety Data Sheet is available on the website, from the distributor, or by contacting SiSiB customer service.

STORAGE

Store in tightly sealed containers in a well-ventilated place. Keep away from heat, strong acid/base, and oxidizing agents. Under such conditions, KOBOND™ 9022 has a shelf life of 24 months from the date of production.

NOTE

All information in the leaflet is based on our present knowledge and experience. We reserve the right to make any changes according to technological progress or further developments. Performance of the product described herein should be verified by testing.

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